

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04M1/03 H04R1/22 H04R1/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04M H04R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/136398 A1 (DUFOSSE STEPHANE ET AL) 26 September 2002 (2002-09-26) paragraphs '0032! - '0039!; figure 1	1, 3-9
Y	-----	2
X	GB 2 310 559 A (NOKIA MOBILE PHONES LTD) 27 August 1997 (1997-08-27) page 6, lines 3-27; figure 4 page 7, lines 10-12	1, 3-5, 7-9
Y	EP 1 244 331 A (MITSUBISHI ELECTRIC TELECOM EU) 25 September 2002 (2002-09-25) abstract paragraph '0015!; figure 1 ----- -/--	2

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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G document member of the same patent family

Date of the actual completion of the international search

21 April 2005

Date of mailing of the international search report

27/04/2005

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/000523

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/33904 A (KIRK ACOUSTICS AS ;ANDERSEN MORTEN KJELDEN (DK)) 10 May 2001 (2001-05-10) cited in the application abstract; figure 2 -----	1
A	WO 00/27096 A (KONINKL PHILIPS ELECTRONICS NV) 11 May 2000 (2000-05-11) page 4, line 21 - page 5, line 15; figure 1 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/000523

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